Yuti Antani

Aerospace engineer turned product manager, now building AI-native products.

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About Me

I spent my degree learning how spacecraft are designed and how they behave once they're in orbit — systems with zero room for getting it wrong. I never worked core aerospace professionally, but that way of thinking stuck: break down a complex system, figure out what actually matters, and ship something that works in the real world.

At Ohm Stock Brokers I took a trading platform from a blank page to a working MVP — research, spec, and hands-on testing, myself. Building Sit&Stay taught me the other side of that: writing the code, not just speccing it. Somewhere in between, I got pulled toward AI — not as a buzzword, but as the next system worth understanding deeply enough to build well. I've since built directly with the Claude API (tool use, function calling) and completed a full AI/LLM foundation, and I'm now looking for a home to apply that as an AI Product Manager.

Featured Work

Sit&Stay

September 2025 – December 2025

PROBLEM

Pet boarding runs on trust — owners want to know their pet is okay, in real time, not just at drop-off and pickup.

APPROACH

Built a mobile-first marketing site (HTML/CSS, Claude-assisted) and a lightweight Flutter app UI across the core user flows — booking, availability, payment, post-service review — with consistent design tokens for a cohesive brand experience. Spec'd the platform's signature trust feature: a live camera feed so owners can check in on their pet in real time during the sit, backed by a Go backend for near-real-time status.

OUTCOME

Live at sitandstay.in.

Skills

TECHNICAL

Python · Go · REST APIs · Flutter · Claude API · Prompt Engineering · n8n

PRODUCT

Product Roadmapping · Market & Competitive Research · User Research · AI Product Design

Experience

Product Manager

October 2025 – May 2026

Ohm Stock Brokers, Mumbai, India

- Led 0-to-1 product strategy for a new trading platform, conducting market and competitor research to shape the MVP scope.
- Owned end-to-end specification of core platform surfaces — real-time watchlists (equities/options/futures), charting, and a unified agent performance widget — alongside data infrastructure: NSE vendor selection, fundamentals pipeline, and data quality/latency testing.
- Validated features through hands-on testing (including sandboxed order-flow simulation across order types), surfacing issues and UX refinements.

Research Associate

May 2025 – September 2025

OMOTech, Mumbai, India

- Guided students end-to-end from ideation to working prototype, running feasibility studies to scope novel projects.
- Directed experimental design and iterative build-test-refine cycles across diverse hardware projects, including CAD design, enclosure modeling, and troubleshooting failures as teaching moments.

Cofounder's Office Intern

October 2023 – November 2023

Agnikul Cosmos, Chennai, India

- Conducted market and competitive landscape research on small-lift/rideshare launch providers (pricing, payload capacity, customer segments), synthesizing findings into strategic briefs and a customer-facing mission payload guide.
- Represented the company at industry events, owning exhibit logistics for a 3D-printed engine demo.

Leadership & Volunteering

Mentor

July 2024 – September 2024

FrontSpace, Remote

- Invited as a guest speaker on a webinar to share my aerospace journey with high-school girls and mentored them in independent scientific research, helping shape personal curiosity into a focused, evidence-based research question.

Peer Well-Being Supporter

April 2021 – September 2022

University of Glasgow, United Kingdom

- Volunteered as a peer listener, trained in active listening and mental health first aid, facilitating one-on-one and group sessions for students in distress within the boundaries of a peer-support (non-clinical) role.

Research & Publications

Analysis and Industrial Insights for Developing Safe Rendezvous and Proximity Operations Standards

June 2024 – September 2024

IAC-24,E9,IPB — peer-reviewed paper, in association with SGAC

- Co-authored with five others across SGAC, Purdue University, Samara National Research University, and Tecnológico de Monterrey. Analyzed historical rendezvous and proximity operations missions and ran industry interviews to propose safety guidelines and best practices for on-orbit servicing and debris remediation, published at IAC 2024.

Education

BSc Aerospace Systems Engineering

September 2020 – July 2023

University of Glasgow, United Kingdom